

underlain by claystone, mudstone and shale

overloaded by artificial fill.

AREAS LEAST PRONE TO LANDSLIDES

lead to local landslides.

associated with other rock types. Rock weathers

susceptible to sliding. Includes coves (U-shaped, shallow valleys) containing thick layers of clayey

rapidly on exposure forming clayey soil highly

COMBINATION LANDSLIDE

COLLUVIAL SLOPE

Area of recent and old slides in which

Valley wall along major streams with slope as

steep as 40 (85%); stony, clayey silt soil up to 50 ft. (15 m) thick; commonly buttressed by

removal of terrace or bench, and overloading;

a terrace or bench at the toe of the slope; very susceptible to sliding by cutting of toe area,

slide commonly activated without apparent cause.

individual slides are not identified.

soil that are very susceptible to sliding where earth flow in fill excavation breaks continuity of slope and where earth flow in strip castings earth flow in coal refuse Map areas in which no patterns or symbols are shown; CHATTANDOGA 1° X 2° SHEET primarily valley floors, ridge tops and broad 36°, 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 benches; modification by excavation and fill may The first six digits of the open file number designate the specific 1:250,000 scale map sheet of which this quadrangla is a part. The last two digits designate the position of the quadrangle in a subdivision of the 1:250,000 scale map based on rows and tiers shown in the diagram to the right. The location of this quadrangle is shown by the black square. 840

Gravel pits

site of gravel pit

Slides in man-made features